Time series: Changes in log Transactions — Values vs Time
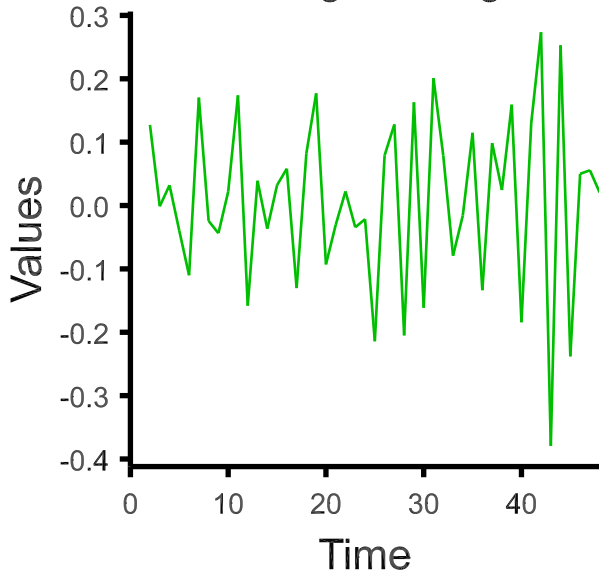
Sample autocorrelations — ACF vs Lag
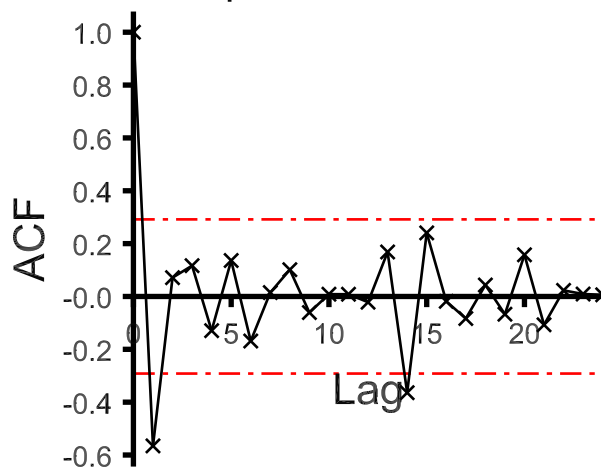
Sample partial autocorrelations — PACF vs Lag
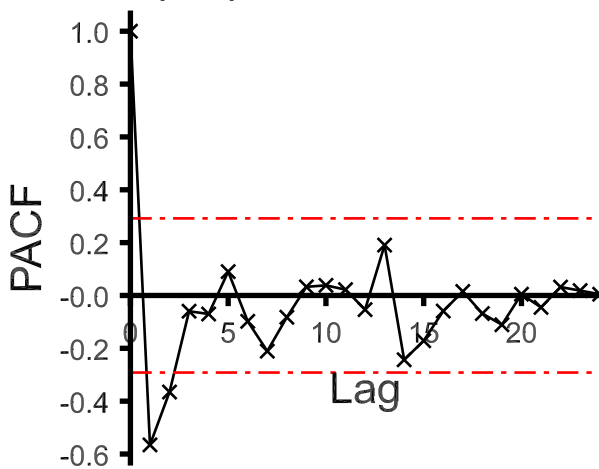
Sample spectral density — Density vs Frequency